

## QY-P5104-Android



### Products Features:

1. Industrial-Grade Embedded Fanless Panel PC
2. 10.4 inch LED screen, resolution: 1024\*768
3. Capacitive touch and Resistive touch
4. Rockchip RK3568 CPU
5. 2\*LAN, 4\*USB, 3\*COM, 1\*HDMI
6. On board SDRAM LPDDR4X-2GB / 4GB / 8GB
7. On board eMMC 5.1-16GB / 32GB / 64GB
8. On board Realtek WIFI module
9. 1\*Mini-PCIE Expansion Slot, Support 4G Module
10. -20°C~60°C Temperature Can Keep 24/7 Work Stably
11. DC 12V Power Input



## 1.Mother Board Specification:

|           |                                                         |                |                |
|-----------|---------------------------------------------------------|----------------|----------------|
| Model     | QY-P5104-Android                                        |                |                |
| CPU       | ARM Rockchip RK3568                                     |                |                |
| Memory    | On board SDRAM LPDDR4X-3200 MHz                         |                |                |
|           | 2GB                                                     | 4GB            | 8GB            |
| Storage   | eMMC 5.1, 16GB                                          | eMMC 5.1, 32GB | eMMC 5.1, 64GB |
|           | 1*TF Card slot<br>1*M.2 NVME 2242 slot                  |                |                |
| Display   | 1*HDMI: Resolution up to 4090*2304@60Hz                 |                |                |
| Expansion | 1*Mini-PCIE Slot, Support 4G module                     |                |                |
| Ethernet  | 2*RTL811F LAN Chip (10 / 100 / 1000 / 2500 Mbps, RJ-45) |                |                |
| USB       | 1*USB 3.0 (Type-A)<br>3*USB 2.0 (Type-A)                |                |                |
| COM       | 1*RS-232 / 485 (DB9 type)<br>2*RS-232 (DB9 type)        |                |                |
| Audio     | 1*Realtek® HDA Codec, with MIC/Line-out and Amplifier   |                |                |
| CAN       | 1*CAN port (Optional)                                   |                |                |

## 2.Screen Specification:

|                     |                                        |                  |
|---------------------|----------------------------------------|------------------|
| Screen Size         | 10.4 inch TFT LED Screen, 4:3 Size     |                  |
| Resolution          | 1024*768                               |                  |
| Brightness          | 350nits                                |                  |
|                     | Support optional 500 / 700 / 1000 nits |                  |
| Contrast            | 800:1                                  |                  |
| Largest Colorful    | 16M                                    |                  |
| Touch Screen Type   | Capacitive                             | Resistive        |
| Light Transmittance | More than 95%                          | More than 95%    |
| Touch Life          | 50 million times                       | 35 million times |
| Response Time       | < 5ms                                  | < 5ms            |
| Touch Hardness      | 6 Mohs                                 |                  |

### 3.Device Specification:

|                     |                                                                |
|---------------------|----------------------------------------------------------------|
| Power Input         | DC 12V<br>(Support optional DC 9-36V Wide Voltage Power Input) |
|                     | Support AT / ATX                                               |
|                     | 1*2.5mm circle type DC plug                                    |
| Working Temperature | -20°C~60°C, Support 24/7 Working                               |
| Size                | 271.5mm*218mm*56mm                                             |
| Structure           | Fully Enclosed Aluminum Alloy Material                         |
| Heat dissipation    | Fanless Design, Conduction Heat Dissipation                    |
| Installation        | Desktop / Embedded / Wall-Mounted                              |
| System              | Android 11 and Linux                                           |
| Water Proof         | Front Panel IP65 water proof                                   |

## 4.Ordering Information:

| Model         | CPU    | LAN | USB | COM | Display | RAM | SSD  |            | Expansion   | Power Input |
|---------------|--------|-----|-----|-----|---------|-----|------|------------|-------------|-------------|
| P5104-Android | RK3568 | 2   | 4   | 3   | 1*HDMI  | 2GB | 16GB | 1*TF       | 1*Mini PCIE | DC 12V      |
|               |        |     |     |     |         | 4GB | 32GB | 1*M.2 NVME |             |             |
|               |        |     |     |     |         | 8GB | 64GB | 1*SATA     |             |             |

## 5.CPU Information:

| CPU    | Specification                                  |
|--------|------------------------------------------------|
| RK3568 | Quad-core Cortex-A55, Clock speed up to 2.0GHz |

## 6.System Information:

| CPU    | Specification             |
|--------|---------------------------|
| RK3568 | Max to Android 11 / Linux |

## 7.Fittings Information:

|                           |          |                                         |
|---------------------------|----------|-----------------------------------------|
| Storage                   | M.2 NVME | 128GB / 256GB / 512GB / 1TB / 2TB / 4TB |
| GSM Module <sup>[1]</sup> | 4G       | 4G+GPS function                         |

## 8.Package List:

|             |                              |
|-------------|------------------------------|
| Adapter     | 1*12V 5A adapter             |
| Power Cable | 1*Power Cable <sup>[2]</sup> |

### Notices:

[1]: Different countries and regions are applicable to different versions, please inform the business staff in advance when ordering.

[2]: Different countries and regions use different types of power cord plugs, please inform the business personnel in advance.

## 9.Dimensions:

